

REQUEST FOR PROFESSIONAL ENGINEERING SERVICES
FOR THE OVERSIGHT, DOCUMENTATION AND CLOSURE OF USTS
AND REPLACEMENT WITH ASTS

AT THE TOWN OF NORTH HAVEN'S
WATER POLLUTION CONTROL FACILITY
1122 UNIVERSAL DRIVE, NORTH HAVEN, CONNECTICUT 06473

Re: Underground Storage Tank (UST) Removals of Two 2,500 Gallon USTs and their Replacements with Two 2,000 Gallon Aboveground Storage Tanks (ASTs) in Vaults at the Town of North Haven's Water Pollution Control Facility (WPCF), 1122 Universal Drive in North Haven, Connecticut, 06473.

Provide Construction Oversight, Soil Sampling, Laboratory Analysis and Preparation of Closure Reports for Each Tank.

Purpose of Work

The purpose of the proposed work described below is to provide the regulatory notification to the CT DEEP, conduct soil sampling and analysis and prepare final closure documentation and reporting in relation to the removal of two (2) existing underground storage tanks containing diesel fuel associated with two emergency generators at the Town's WPCF referenced above.

Tank closure documentation shall comply with the requirements of Section 22a-449(d)-107(b), (c), and (e) of the State of Connecticut's Department of Energy and Environmental Protection's (CT DEEP's) Underground Storage Tank Regulations.

Additionally, the selected Professional Engineering Services Firm shall provide construction oversight in compliance with the Town's Bid Specifications for the removal and replacement of the existing USTs with two 2,000 new Aboveground Storage Tanks (ASTs) in Convaults on concrete base slabs. This project is referred to as the **"Removal of Underground Storage Tanks and Replacement with Aboveground Storage Tanks, Project 18-15"**.

The Convaults shall come with 20-year warranty packages respectively, and include, but may not be limited to associated ventilation packages, emergency and working vents, interstitial space leak detection, galvanized stairs, fueling platforms, overfill chambers, spill containment, complete installation, and temporary tanks required for fuel transfers.

Scope of Work

The Successful Bidder shall:

1. On behalf of the Town of North Haven, provide the State of Connecticut's Department of Energy and Environmental Protection (CT DEEP) with the intent to close the two (2) existing 2,500 gallon capacity underground storage tanks 30-days prior to tank removal(s) and closure construction.

LUMP SUM (Not to Exceed) PRICE \$ _____ . FOR BOTH TANKS.

2. Become familiar with the Town's Contract Bid Specifications referred to as **Removal of Underground Storage Tanks and Replacement with Aboveground Storage Tanks, Project 18-15** and any/all Plans or Drawings associated with the Project. Meet potential bidders at the job site at the specified Pre-construction Meeting (March 19, 2018), answer bidder questions, issue bid addenda if needed, tabulate bids and provide bid summary and recommendation to the Town of North Haven.

LUMP SUM (Not to Exceed) PRICE \$ _____ .

3. As each of the USTs is removed, conduct soil sampling and analysis in accordance with Department of Energy and Environmental Protection (DEEP) Guidance entitled "Sampling and Analytical Methods for Underground Storage Tank Closure." A total of six samples PER TANK will be collected from the sides (4) and bottom (2) of the excavation area immediately after each tank is removed.

LUMP SUM (Not to Exceed) PRICE \$ _____ FOR BOTH TANKS.

4. All soil samples will be analyzed by State certified environmental testing laboratory for extractable total petroleum hydrocarbons (ETPH) and one sample PER TANK, considered to be the potential worst-case location, will also be analyzed for aromatic volatile organic compounds as blank, spiked or duplicate samples will also be collected and analyzed in accordance with DEEP's Reasonable Confidence Protocols (RCPs). Laboratory Analyses per DEEP Guidance and RCPs.

LUMP SUM (Not to Exceed) PRICE \$ _____ FOR BOTH TANKS.

5. Inspect the work of the selected Construction Contractor at the site and take photographs to document site conditions before, during removal of each tank and after UST Closure operations for each tank.

LUMP SUM (Not to Exceed) PRICE \$ _____ FOR BOTH TANKS.

6. Prepare UST Closure Reports documenting the proper closure of each of the USTs, including photographs, site plans showing soil sample locations and laboratory

reports showing compliance with DEEP regulatory standards. Notify the CT DEEP after the completion of the closure, which may now have to be conducted through the CT DEEP's Ez File online system.

LUMP SUM (Not to Exceed) PRICE \$ _____ FOR BOTH TANKS.

7. Provide Engineering Construction oversight for the installation of each of the two (2) – 2,000 gallon capacity Aboveground Storage Tanks in Convaults by the successful Construction Contractor to ensure that the following is included, but is not limited to: 2,000 gallon AST Convaults, on concrete bases (per contract specifications), associated galvanized stairs and platforms for fuel delivery, concrete stair slab, overfill chambers, spill containers, emergency and working vents, interstitial space leak detection systems (mechanical, fuel level gauges), jobsite freight or freight on board, installation of the 2,000 gallon ASTs (two) Convaults, offloads and set in place, concrete support pads, associated aboveground steel piping to each emergency generator and the transfer of fuel from the temporary tank to each of the new ASTs up to 2,000 gallons.

LUMP SUM (Not to Exceed) PRICE \$ _____ FOR BOTH TANKS.

TOTAL LUMP SUM PRICES FOR Bid Items (1) through (7) Above = \$ _____.

(Add Bid items (1) through (7))

The above base price assumes that soil contamination or other unforeseen conditions are not encountered.

Should soil contamination or other unforeseen conditions be encountered, the following rates will apply for addition services that might be required.

Professional Engineer: \$____/hour

CAD Operator: \$____/hour

Laboratory: Actual Cost plus ____%

Schedule of Work

The schedule will be expedited with the intent of completing the UST removals and replacements this fiscal year (ending June 30, 2018) and as field conditions allow.

Four weeks are allowed for the submission of the Closure Reports to the CT DEEP after the underground storage tanks are removed from the site.

Questions on Bid

All questions regarding the above solicitation for Bid shall be submitted to Lynn K. Sadosky, P.E., Director of Public Works at (203) 239-5321, ext. 401 or via electronic mail at

sadosky.lynn@town.north-haven.ct.us and Edward J. Swinkoski, CPA, Director of Finance and Administration at (203) 239-5321, extension 650 or via electronic mail at swinkoski.edward@town.north-haven.ct.us.

All questions regarding the above solicitation for the Bid shall be submitted in writing and on or before February, 28, 2018. No inquiries or questions will be accepted after February 28, 2018.

All Bids are due to the Department of Finance and Administration on or before Monday, March 5, 2018 at 10 A.M. Proposals and accompanying cost estimates shall be submitted by mail, electronic mail, in-person delivery or via facsimile attention to Ellen Dufour at (203) 234-2130 (facsimile) or via e-mail at dufour.ellen@town.north-haven.ct.us . One (1) copy of the proposal and cost estimate is requested.

Each Bidder is responsible for confirming that their Bid Proposal and Cost estimate has been received by the Town of North Haven prior to the Bid Opening date and time.

The Chief Operator for the Town's Water Pollution Control facility is Mark Barrows of Veolia Water and Mr. Barrows can be contacted through the Director of Public Works for a site visit or to become familiar with any/all plans available on this Water Pollution Control Facility site.